## THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

GROSE et al.

Atty. Ref.:

1430-252

Serial No.

09/646,224

Group:

1647

Filed:

**September 14, 2000** 

Examiner:

Holbrook

For:

MAMMALIAN SODIUM CHANNEL PROTEINS

October 30, 2001

Assistant Commissioner for Patents Washington, DC 20231

Sir:

## **LETTER**

The attached paper and computer-readable copies of the Sequence Listing are the same. No new matter has been added.

Respectfully submitted,

**NIXON & VANDERHYE P.C.** 

By:

B. J. Sadoff

Reg. No. 36,663

**BJS:eaw** 

1100 North Glebe Road, 8th Floor

Arlington, VA 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

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In re featent Application

ED STATES PATENT AND TRADEMA

Atty Dkt. 1430-252 C#

OCT 3 0 2001 GROSE et al.

Group Art Unit: 1647

Date: October 30, 2001

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TECH CENTER 1600/2900

Serial No. 09/646,224 Filed: September 14, 2000 PADE

MAMMALIAN SODIUM CHANNEL PROTEINS

**Assistant Commissioner for Patents** Washington, DC 20231

Sir:

Title:

## RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

Fees are attached as calculated below:		
Total effective claims after amendment $0$ minus highest number previously paid for $20$ (at least $20$ ) = $0$ x \$ 18.00	\$	ΰ.00
Independent claims after amendment 0 minus highest number previously paid for 3 (at least 3) = 0 x \$ 84.00	\$	0.00
If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)	\$	0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$400.00/2 months; \$920.00/3 months)	\$	0.00
Terminal disclaimer enclosed, add \$ 110.00	\$	0.00
<ul> <li>☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$740.00)</li> <li>☐ Please enter the previously unentered , filed</li> <li>☐ Submission attached</li> </ul>	\$	0.00
Subtotal	\$	0.00
If "small entity," then enter half (1/2) of subtotal and subtract Applicant claims "small entity" status. Statement filed herewith	-\$	0.00
Rule 56 Information Disclosure Statement Filing Fee (\$180.00)	\$	0.00
Assignment Recording Fee (\$40.00)	\$	0.00
Other: Letter w/paper and computer readable copies of Sequence Listing; copy of Notice to Comply		0.00
TOTAL FEE ENCLOSED	\$	0.00

The Commissioner is hereby authorized to charge any deficiency in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

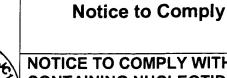
1100 North Glebe Road, 8th Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

BJS:eaw

**NIXON & VANDERHYE P.C.** 

By Atty: B. J. Sadoff, Reg. No. 36,663

	Applicant(s) D.T. Grose	CH CE	NO	肥
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## NOTICE TO COMPLY WITH REQUIREMENTS FOR PATEN **CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO DISCLOSURES** 8

Examiner

Holbrook

Application No. 09/646224

Applicant must file the items indicated below within the time period set the Office action to which the Notice is attached to avoid abandonment under 35 U.S.C. § 133 (extensions of time may be obtained under the provisions of 37 CFR 1.136(a)).

The nucleotide and/or amino	acid sequence disclosi	ure contained in thi	s application does	not comply with
the requirements for such a				

the	requirements for such a disclosure as set forth in 37 C.F.R. 1.821 - 1.825 for the following reason(s):
	1. This application clearly fails to comply with the requirements of 37 C.F.R. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998).
	2. This application does not contain, as a separate part of the disclosure on paper copy, a "Sequence Listing" as required by 37 C.F.R. 1.821(c).
	3. A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 C.F.R. 1.821(e).
$\boxtimes$	4. A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 C.F.R. 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing."
	5. The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A Substitute computer readable form must be submitted as required by 37 C.F.R. 1.825(d).
	6. The paper copy of the "Sequence Listing" is not the same as the computer readable from of the "Sequence Listing" as required by 37 C.F.R. 1.821(e).
	7. Other:
	eplicant Must Provide: An initial or substitute computer readable form (CRF) copy of the "Sequence Listing".
☐ into	An initial or substitute paper copy of the "Sequence Listing", as well as an amendment directing its entry the specification.
app	A statement that the content of the paper and computer readable copies are the same and, where clicable, include no new matter, as required by 37 C.F.R. 1.821(e) or 1.821(f) or 1.821(g) or 1.825(b) or 25(d).
Foi	r questions regarding compliance to these requirements, please contact:
For	r Rules Interpretation, call (703) 308-4216 r CRF Submission Help, call (703) 308-4212 tent In Software Program Support Technical Assistance703-287-0200
	To Purchase Patentin Software703-306-2600

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